

PENYBONT
RURAL DISTRICT COUNCIL



ANNUAL REPORT

OF THE

MEDICAL OFFICER

AND

SENIOR SANITARY INSPECTOR

FOR THE YEAR 1946.



J. S. PEEBLES,
Medical Officer of Health.

ALUN WILLIAMS,
Senior Sanitary Inspector.
M.R.San.I., M.S.I.A., Certificate R.S.I.
Certified Inspector of Meat & other Foods.

D. W. Jones (Printers) Ltd., Port Talbot.—62206

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Dr. J. S. Peebles, Medical Officer of Health, died on the 2nd day of February, 1947, and this Report has been compiled by Dr. Kathleen Davies, the Acting Medical Officer of Health.

Statistics and Social Conditions of the Area.

Area (in acres), 42,318.

Population, Census 1921, 21,710. Population, Census 1931, 29,209.

Registrar General's estimate of Resident Population Mid 1946, 33,400.

Number of inhabited houses (1921), 5,832.

Number of inhabited houses (end of 1946), according to rate books, 7,869.

Rateable value (March 31st, 1946), £119,267

Sum represented by a penny rate, £498 5s. 3d.

Social Conditions.

A very large proportion of the male population is engaged in coal mining, either in your own district or in that of adjoining authorities. The remaining part of the male population is chiefly engaged either in agriculture—a large part of your area being agricultural land—or in railway work. The female population, generally speaking, undertake household duties.

Extracts from Vital Statistics of the year:—

Live Births:—	Total	M.	F.	
Legitimate	568	279	289	Birth rate per 1,000 of
Illegitimate	31	13	18	the estimated resident
				population
Still Births	19	11	8	Rate per 1,000 (live &
				still births
Deaths	333	188	145	Death rate per 1,000 of
				the estimated resident
				population

Deaths from Puerperal Causes:—

	Deaths.	Rate per 1,000 Total Live & Still Births
No. 29 Puerperal Sepsis	Nil	Nil
No. 30 Other Puerperal Causes.....	1	1.6
Total	1	1.6

Death Rate of Infants under 1 year of age:—

All Infants per 1,000 live births	33.4
Legitimate Infants per 1,000 legitimate births	31.6
Illegitimate Infants per 1,000 illegitimate births	64.51
Deaths from Cancer (all ages)	53
Deaths from Measles (all ages)	Nil
Deaths from Whooping Cough (all ages)	1
Deaths from Diarrhoea (under 2 years of age)	Nil

SECTION B.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

1—(a) **Medical—**

J. S. PEEBLES, L.R.C.S. (Edin.), L.R.C.P. (Edin.), L.F.P.G., L.F.S.G., D.P.H. (Edin.), Medical Officer of Health. Joint Appointment with Bridgend Urban District Council.

KATHLEEN DAVIES, B.Sc., M.B., B.Ch., D.P.H., M.R.C.S. L.R.C.P., Assistant Medical Officer. Joint Appointment with Bridgend Urban District Council.

JOAN B. DAVIES, M.B., B.Ch., B.Sc. Joint Appointment with Bridgend Urban District Council.

(b) **Others—**

ALUN WILLIAMS, Whole-time Sanitary Inspector, M.R.San.I., M.S.I.A., Certificate R.S.I., Certified Inspector of Meat and Other Foods.

GRAHAM REES, Whole-time Sanitary Inspector, B.Sc., M.S.I.A., Certificate R.S.I., Certified Inspector of Meat and Other Foods.

ALICE E. THOMAS, Whole-time Health Visitor. State Registered Nurse, S.C.M.

EDNA EVANS, Whole-time Health Visitor. State Registered Nurse, S.C.M., H.V. Certificate.

MARJORIE CROMWELL, Whole-time Health Visitor. State Registered Nurse, S.C.M., H.V. Certificate.

MIRIAM GEORGE, Whole-time Health Visitor. State Registered Nurse, S.C.M., H.V. Certificate, Ophthalmic Certificate, Post-Graduate T.B. Certificate, Queen's District Nursing Certificate.

GWYNETH EDWARDS, Whole-time Health Visitor. State Registered Nurse, S.C.M., H.V. Certificate, Fever Certificate, Queen's District Nursing Certificate.

2—(a) **Laboratory Facilities.**

The Cardiff and County Laboratory at Cardiff undertake, by arrangement, all the examination or analysis of chemical material, water, milk and foodstuffs. The following specimens were examined:—

Diphtheria Swabs	262
Haemolytic Streptococci	15
C.S. Fluid ? Organisms	4
Faeces ? Dysentery	—
Urine ? Enteric	9
Faeces ? Enteric	15
Blood ? Enteric	3
Swabs ? Ophthalmia	1
Swabs ? Vincents	1

Milks—144.	
Graded	112
Ungraded	32
Water	19
Milk for Tubercle Bacilli	35

(b) **Ambulance Facilities.**

For infectious cases—One motor ambulance is kept at the Fever Hospital.

For non-infectious and accident cases—In connection with the Priory of St. John, a motor ambulance is kept at Kenfig Hill, one at Pencoed, and another at Bridgend. These ambulances are available under certain conditions.

- There are no ambulance facilities for Maternity cases.

(c) **Professional Nursing in the Homes.**

General. District Nurses are employed by—

- (1) The Laleston Nursing Association.
- (2) The St. Brides Major Nursing Association.
- (3) The Aberkenfig Nursing Association.
- (4) The Kenfig Hill Nursing Association.
- (5) The Pencoed Nursing Association.
- (6) The Cwmfelin Nursing Association.

No Midwifery is undertaken by Numbers 3, 4, 5 and 6.

These Associations defray the entire cost.

For Infectious Diseases.—Nil.

(d) **Clinics and Treatment Centres.**

Maternity and Child Welfare Centres.

(A)—**Maternity.**

- (1) Tondy—Maternity and Child Welfare Clinic premises built by Council in 1938.
- (2) Kenfig Hill—Maternity and Child Welfare Clinic premises built by the Council in 1938.
- (3) Heolycyw—Baptist Chapel.
The Chapel is used as a waiting-room and the Vestry as a consulting room.
- (4) Cornelly—Calvanistic Methodist Chapel.
The Vestry is partitioned off, and use is made of one large part as a waiting-room and a smaller part as a consulting room.

- (5) Cein Cribbwr—Workmen's Hall.
Large waiting-room and smaller consulting room.
- (6) Cwmfelin—Calfaria Chapel.
The Vestry is used as a waiting-room and the Chapel as a consulting room.
- (7) Laleston—The Library.
There is one waiting-room and one consultation room.
- (8) St. Brides Major—Calfaria Chapel Hall. Two rooms.
- (9) Bryncoch—Memorial Hall. One room.
- (10) Pencoed—Maternity and Child Welfare Clinic premises built by Council in 1937.
- (11) Wick—The Village Hall.
The large room is used as a waiting-room, and the smaller as a consultation room.

(B)—Child Welfare Centres.

- (1) Tondy—Same as A (1).
- (2) Kenfig Hill—Same as A (2).
- (3) Heolycyw—Same as A (3).
- (4) Cornelly—Same as A (4).
- (5) Cefn Cribbwr—Same as A (5).
- (6) Cwmfelin—Same as A (6).
- (7) Laleston—Same as A (7).
- (8) St. Brides Major—Same as A (8).
- (9) Coytrahen—Wesley Chapel Vestry. Satisfactory waiting and consulting room.
- (10) Bryncoch—Same as A (9).
- (11) Wick—Same as A (11).
- (12) Coity—Gilead Chapel Vestry. One large room divided by screens is used as waiting and consulting rooms.
- (13) Pencoed—Same as A (10).
- (14) Abergarw—The Hall—Two rooms—is used.
- (15) Bryntirion—The Hall—Two rooms—is used.

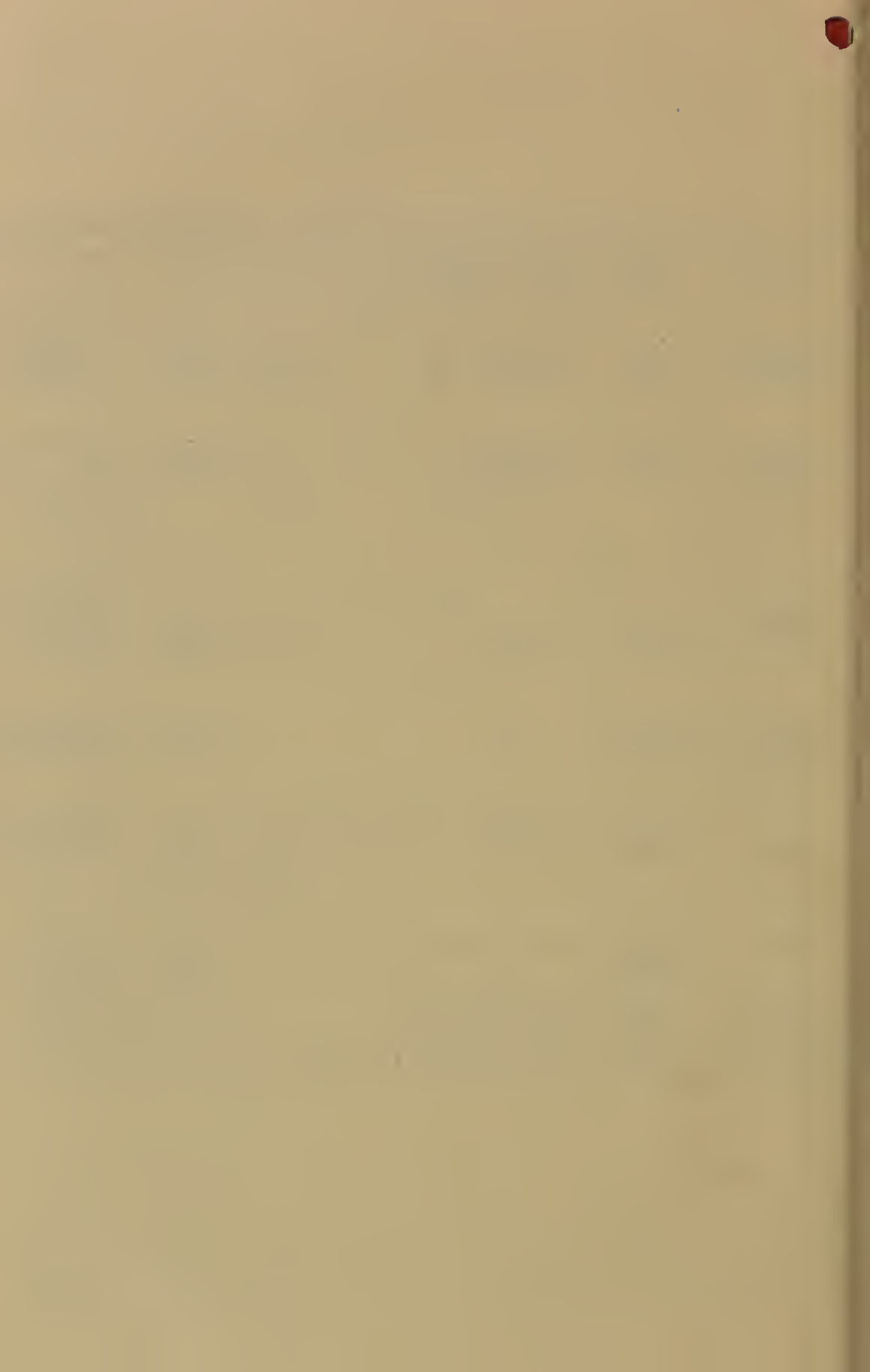
The above accommodation for the various Maternity and Child Welfare Centres is provided by your Council.

On November 18th, 1935, your Council passed a resolution that as from January 1st, 1936, the fees paid for the rents of the various buildings used for Maternity and Child Welfare purposes were to be as follows:—

- (a) 6/- for a half-day session.
- (b) 10/- for a full day session.

HOSPITALS AND CONVALESCENT HOMES.

Name.	Situation.	Purpose.	Total No. of Beds.	No. of Beds, M. F.		Proportion for District.	Management	Staff.	Operative Surgery.	X Ray	Massage Dept.	Dental Dept.	Oph- thalmic Dept.	Pathological Work.
Mid-Glam. Hospital.	1a, Quarella Road, Bridgend.	General. Maternity. Children.	236 42 27	158	78 42	Not Defined.	Social Welfare Committee	Medical Officer (full time) non - resident. 4 Resident House Surgeons. Staff of Consultants. Nursing Staff.	Yes 2 well equipped Theatres	Yes.	Yes.	Yes.	Yes.	Arrangement with Cardiff Laboratory.
District Hospital.	Merthyr-mawr Road, Bridgend.	General Children. Private Patients.	22 2 4	14 1 2	10 1 2	Not Defined.	Voluntary Committee.	Non-resident Medical Men of district at- tend own cases. Staff of Con- sultants, Matron, 4 Sisters, 3 Assistant Nurses, 3 Probationers.	Yes, two well equipped Theatres	Yes.	Yes, a certified Masseuse on staff.	No.	Yes.	Arrangement with Clinical Research Assoc- iation, London.
Isolation Hospital	Cefn Hirgoed 2½ miles from Bridgend.	Infectious Diseases.	46 Beds 18 Cots	29 10	29 10	Not Defined.	Committee of 5 Local Authorities.	Non-resident Medical Officer. Deputy Medical Officer. Matron. Sister. 2 Staff nurses. 4 Assistant nurses. 5 Probationers. Consultant for Puerperal cases.	Yes. Well equipped Theatre	No.	No.	No.	No.	Arrangement with Cardiff Laboratory.
Small Pox Hospital.	Cefn Hirgoed 2½ miles from Bridgend.	Small Pox	8	4	4	Not Defined.	Committee of 8 Local Authorities.	Non-resident Medical Officer. Caretaker. Nursing Staff obtained as required.	No.	No.	No.	No.	No.	Arrangement with Cardiff Laboratory.
Mental Hospital.	About 2 miles from Bridgend.	Mental Patients.	2070	1122	948	Not Defined	Committee of the County Council.	Medical Superintendent. Six Medical Officers. Staff of Consultants. Nursing Staff.	Yes. Well equipped Theatre.	Yes	No	Yes.	Yes.	Yes.
Cottage Homes	Merthyr-mawr Road, Bridgend.	Children	177	...	...	Not Defined	Social Welfare Committee.	Medical Officer non-resident, Superintendent, Matron Nurse and Foster Mothers	Sick Bay	No.	No.	No.	No.	No.
Convalescent Home So'therndown	Southern- down	For Convales- cents	42	...	42	Not Stated	Voluntary Committee	Non-resident Medical Officer. Sister, two Maids, one Gardener	NO SPECIAL DEPARTMENTS.					



This arrangement has been accepted by all the authorities in control of the various buildings.

(e) Hospitals.

A number of Hospitals are made use of by the inhabitants of the district. Those Hospitals not given in the following list which are most used are: (1) The Cardiff Royal Infirmary, (2) The Port Talbot District General Hospital, (3) Maesteg Maternity Home.

Arrangements, I believe, are being made whereby more patients will be able to be treated at the Bridgend Infirmary, and this will do away with the necessity for so many being treated at Cardiff as at present.

(3) (1)—Midwifery and Maternity Services.

Twelve midwives are practising within the area of your Council. None are employed by your Council, or directly subsidised by your Council, but two are employed by Voluntary Associations.

Maternity cases from the district, by special arrangement, can be sent into the Bridgend Maternity Home, and below are the regulations and scale of charges decided upon by the Council.

1—Scale of Charges of patients admitted to the Maternity Home whose stay is for a normal period not exceeding 16 days.

Regulation.—The Scale applies in the case of a normal stay only at the Maternity Home—16 days is considered as a reasonable period for a stay.

- (i) The income to be considered should be the net income after deduction of rent, or if the house is owner-occupied the normal rent that would be paid for such a house.
- (ii) Where the income of the home is 70/- and under, no charge should be made.
- (iii) From an income in excess of 70/- a deduction of 7/6d. should be made for each child and twice the balance remaining should be the amount to be repaid to the Council.
- (iv) The children to be counted are school-children up to the age of 16 years.

2.—Scale of Charges of Patients admitted to the Maternity Home whose stay exceeds 16 days.

(i) Where the income to the home is outside the scale referred to in paragraph (1) above, and the patient's stay at the Home exceeds the normal period of 16 days, full payment should be made for the 16 days.

(ii) Where the income to the home comes within the scale referred to, or where it is in excess of the scale, each case to be reported to the Finance Committee for their consideration.

Children

NET WEEKLY INCOME.

	70/0	71/9	73/6	75/3	77/0	78/9	80/6	82/3	84/0
0	Nil	3/6	7/0	10/6	14/0	17/6	21/0	24/6	28/0
1	.....	.....	.....	.....	.....	2/6	6/0	9/6	13/0

NET WEEKLY INCOME.

	85/9	87/6	89/3	91/0	92/9	94/6	96/3	98/0
0	31/6	35/0	38/6	42/0	45/6	49/0	52/6	56/0
1	16/6	20/0	23/6	27/0	30/6	34/0	37/6	41/0
2	1/6	5/0	8/6	12/0	15/6	19/0	22/6	26/0
3					6d.	4/0	7/6	11/0

NET WEEKLY INCOME.

	99/9	101/6	103/3	105/0	106/9	108/6	110/3	112/0
0	59/6	63/0	66/6	70/0	73/6	77/0	80/6	84/0
1	44/6	48/0	51/6	55/0	58/6	62/0	65/6	69/0
2	29/6	33/0	36/6	40/0	43/6	47/0	50/6	54/0
3	14/6	18/0	21/6	25/0	28/6	32/0	35/6	39/0
4		3/0	6/6	10/0	13/6	17/0	20/6	24/0
5						2/0	5/6	9/0

NET WEEKLY INCOME.

	113/9	115/6	117/3	119/0	120/9	122/6	124/3	126/0
0	87/6	91/0	94/6	98/0	101/6	105/0	108/6	112/0
1	72/6	76/0	79/6	83/0	86/6	90/0	93/6	97/0
2	57/6	61/0	64/6	68/0	71/6	75/0	78/6	82/0
3	42/6	46/0	49/6	53/0	56/6	60/0	63/6	67/0
4	27/6	31/0	34/6	38/0	41/6	45/0	48/6	52/0
5	12/6	16/0	19/6	23/0	26/6	30/0	33/6	37/0
6		1/0	4/6	8/0	11/6	15/0	18/6	22/0
7							3/6	7/0

Children	NET WEEKLY INCOME.							
	127/9	129/6	131/3	133/0	134/9	136/6	138/3	140/0
0	115/6	119/0	122/6	126/0	129/6	133/0	136/6	140/0
1	100/6	104/0	107/6	111/0	114/6	118/0	121/6	125/0
2	85/6	89/0	92/6	96/0	99/6	103/0	106/6	110/0
3	70/6	74/0	77/6	81/0	84/6	88/0	91/6	95/0
4	55/6	59/0	62/6	66/0	69/6	73/0	76/6	80/0
5	40/6	44/0	47/6	51/0	54/6	58/0	61/6	65/0
6	25/6	29/0	32/6	36/0	39/6	43/0	46/6	50/0
7	10/6	14/0	17/6	21/0	24/6	28/0	31/6	35/0
8			2/6	6/0	9/6	13/0	16/6	20/0
9							1/6	5/0

NET WEEKLY INCOME.									
						141/9	143/6	145/3	147/0
0	.....	.....	.....	.....	.....	143/6	147/0	150/6	154/0
1	.....	.....	.....	.....	.....	128/6	132/0	135/6	139/0
2	.....	.....	.....	.....	.....	113/6	117/0	120/6	124/0
3	.....	.....	.....	.....	.....	98/6	102/0	105/6	109/0
4	.....	.....	.....	.....	.....	83/6	87/0	90/6	94/0
5	.....	.....	.....	.....	.....	68/6	72/0	75/6	79/0
6	.....	.....	.....	.....	.....	53/6	57/0	60/6	64/0
7	.....	.....	.....	.....	.....	38/6	42/0	45/6	49/0
8	.....	.....	.....	.....	.....	23/6	27/0	30/6	34/0
9	.....	.....	.....	.....	.....	8/6	12/0	15/6	19/0
10	.....	.....	.....	.....	.....	.....	.....	6d.	4/0

Two hundred and ninety-five expectant mothers from your district under the above-mentioned arrangement, were sent into the Maternity Home, at a cost of £1,155 3s. 0d., of which £487 9s. 2d. was recoverable from patients.

Maternal Deaths.

One woman lost her life during, or as a result of childbirth in 1946.

The Maternal Death Rate for the Penybont District is as follows:—1931, 14; 1932, 7.8; 1933, 7.7; 1934, 6.1; 1935, 7.2; 1936, 11.4; 1937, 10.9; 1938, 6.1; 1939, 8.7; 1940, Nil; 1941, 1.6; 1942, Nil; 1943, 7.5; 1944, 2.8; 1945, 11.6; 1946, 1.6.

For England and Wales the rate is as follows:—1931, 4.11; 1932, 4.06; 1933, 4.23; 1934, 4.41; 1935, 3.93; 1936, 3.81; 1937, 3.23; 1938, 2.97; 1939, 2.82; 1940, 2.16; 1941, 2.23; 1942, 2.01; 1943, 2.29; 1944, 1.93; 1945, 1.79; 1946, 1.43.

From the appropriate table, it will be seen that at the 11 ante-natal centres 667 mothers attended, making 2,968 attendances.

Immediately a maternal death is registered, an investigation into the cause of death takes place. The home conditions are enquired into, especially in regard to the following:

- (a) Number in family.
- (b) Financial position.
- (c) Housing conditions.
- (d) Occupation of both parents.
- (e) Diseases or illness from which mother has suffered.
- (f) The difficulty or otherwise of previous confinements, and help required at all such confinements

The midwife in attendance upon the case is interviewed and the following particulars obtained:—

- (1) Number of visits made by midwife previous to labour commencing.
- (2) Number of times urine was examined, and the results thereof.
- (3) The results of any ante-natal examinations.

The medical practitioner in attendance upon the case is visited, and any particulars given by him in regard to the case are noted.

A form giving in detail an account of each case is sent to the Ministry of Health.

Puerperal Pyrexia.

After a notification of the above disease, a visit is paid to the home and to the medical attendant. In every case the following facilities are offered:—

- (a) The services of a Specialist, whose fee is paid by the Local Authority, except in those cases where the financial position is such that this payment is not required.
- (b) Isolation and treatment at the Isolation Hospital, Cefn Hirgoed.

Post-Natal Attendances.

In addition to those shown in Table 17, many mothers were given post-natal advice at the various Child Welfare Clinics.

Dental Treatment.

During the year, by arrangement with the Glamorgan Education Committee, 67 cases received Dental Treatment: of these cases 26 were children under five years of age, and 41 were expectant or nursing mothers. 6 mothers received dentures.

The cost of the treatment was as follows:—

- (a) For dental treatment: (1) Mothers, 3s. 6d. per case. (2) Children, 3d. per case.
- (b) For dentures: £2 17s. 0d. for a complete denture, and for partial dentures a lesser cost, determined by the size of the denture.

For the year, the total cost was made up as follows:—
Children under five years of age, 6/6; expectant or nursing mothers £7 3s. 6d.; total £7 10s. 0d., of which all was paid by parents. The cost of dentures was £12 0s. 0d., the total amount being recovered from patients.

(ii) **Institutional Provision for Mothers or Children.**

There is none provided.

(iii) **Health Visitors.**

Five full-time Health Visitors are employed.

As soon as possible after each child (whose birth has been notified) has reached the age of fourteen days, the home is visited by one of the Health Visitors. Thereafter, a visit is paid every four weeks until the child has reached the age of three months. From three months onwards to five years of age, the child is visited once every three months.

The above applies, of course, only in cases where, in the opinion of the Health Visitor, the child is making satisfactory progress.

In those cases where the Medical Officer of the appropriate Infant Welfare Centre or Health Visitor thinks that more frequent visits are necessary, this is done. If requested by the Medical Practitioners, more visits are paid in special cases.

(iv) **Child Life Protection** (under Part I. of the Children Act, 1908, as amended by the Children and Young Persons Act, 1932).

The Local Authority advertised that in their area the Medical Officer of Health was to be the person to whom notices under Part I. of the Act must be sent. The Health Visitors employed by your Council were appointed Infant Protection Visitors under Part I. of the Children Act.

The Health Visitors make visits to all known cases at regular intervals until the children have reached the age of nine years.

A register of all children coming within the scope of the Act is kept.

No prosecutions were found necessary during 1946.

At the commencement of 1946 there were six children on the register, and at the end of the year there were four on the register. During the year three children were added to the register, two children were legally adopted, two children reached the age of nine years and one child was returned to her parents.

Four foster-mothers were receiving payment for children at the end of the year.

Six persons gave notice under Adoption of Children (Regulation) Act 1939, that they were adopting a child.

(v.) Orthopaedic Treatment.

Your Council has made arrangements for all Orthopaedic treatment which cannot be carried out at your own Clinics to be undertaken at the Prince of Wales Hospital, Cardiff.

Seventeen new cases were sent for treatment in 1946, and 14 were out-patients, at a cost of £8 0s. 1d. Twenty patients continued treatment commenced in previous years, three as in-patients and seventeen as out-patients. The total cost was £585 9s. 2d. (Out-patients £17 15s. 9d.; In-patients £567 13s. 5d.)

The terms upon which treatment will be undertaken by this Hospital are as follows:—Registration fee, 5s.; plasters, if necessary, 2s. to 15s. each; X-ray, 10s. 6d. Indoor patients £4 12s. 2d. per week. Instruments, 25s. each. The charge varies according to each case.

SECTION C.

Sanitary Circumstances of the Area.

(1) Water.

The Mid-Glamorgan Water Board was established in 1920, and took over the various water undertakings and started to function on January 1st, 1921. The mains of the Board are now laid within every Parish of the Penybont Rural District Council, with the exception of Sker.

During the year 1941, ten Chlorination Plants were installed in concrete houses at the Upland sources of the Board's supply—all of which have been functioning satisfactorily during 1946.

The Board have been able to maintain a pure, satisfactory and continuous supply of water in all districts, with the exception of a few isolated properties at high levels, where there has been occasional interruptions of supply.

The Chlorination Plants now operating in connection with all the main sources of supply continue to work efficiently, and each of the fifty-five samples submitted from the various sources to the County Laboratory for analyses have produced satisfactory reports. In addition, tests taken daily at Schwyll, and nearly as frequently in the Upland sources, indicate that adequate treatment of Chlorine is given.

The following extension to Mains was made during 1946:—

Marlas Road, Pyle Housing Site.—350 yds. of 3 in. C.I. pipes.

Sarn Bryncethin Housing Site.—340 yds. of 3 in. C.I. pipes.

Hemi-Cycle Pyle Housing Site.—132 yds. of 3 in. C.I. pipes.

Kenfig Hill Permanent Prefabs. Housing Site.—450 yds. of 3 in. C.I. pipes.

Quality of Water.

The analysis of the water from upland sources is generally fairly satisfactory, with the exception of samples taken after heavy storm periods. The following is a typical analysis of the Mid-Glamorgan Water Board's Supply from the Dymbath Supply.

Bacteriologically.—Number of organisms developing at 37 deg. c.: 2 per m.l. *Bacillus Coli* absent in 50 m.l. Satisfactory.

Chemically.—Pale green, clear. Re-action Ph. 7.6. Colour, Burgess Scale 15 units. Total hardness, 8.4. Chlorine, 1.2. Nitrogen as nitrates, Nil. Organic (or Albuminoid Ammonia), .0018. Saline (or Free Ammonia), .0020. Poisonous metals, Nil. Sediment, traces only. Animate forms, rare. Volume of sediment, .05.

The chemical and microscopical characters show no evidence of any organic contamination.

Nineteen samples of water for bacteriological and chemical examinations were submitted to the County Analyst during the year by the Penybont Council. Fifty-five samples were submitted by the Water Board.

There is an ample supply of water for the district.

There has been close co-operation between the Mid-Glamorgan Water Board and the Penybont District Council, and I have had the greatest help from the Manager of the Water Board in regard to all matters connected with the Board's Supply.

The following are the numbers of houses without a proper piped supply in the various parishes:—

<i>Parish.</i>	<i>Number of Houses. 1946.</i>
Coychurch Lower	6
Pencoed	17
Ewenny	7
St. Brides Major	24
Wick	9
Laleston	7
Tythegston Lower	3
Tythegston Higher	16
Pyle	3
Merthyr-mawr	8
Kenfig	7
Llangynwyd Middle	33
Llangynwyd Lower	12
St. Brides Minor	26
Coychurch Higher	40
Newcastle Higher	9
Coity Higher	40
Total	<hr/> 267 <hr/>

Proportion of dwelling houses without a proper piped supply of water = 3.58%.

Particulars of the proportion of dwelling houses and the proportion of the population supplied from public water mains:—

(1) Dwelling houses—

(a) Direct to the houses	95.66%
(b) By means of stand-pipes .....	.76%

(2) Population—

(a) Direct to the houses	95.66%
(b) By means of stand-pipes .....	.76%

Wells and Springs.

The following Wells and Springs are still being used:—

- (1) Heol-lan Spring near Coity (3 houses).
- (2) Penyfai Common Spring (not used by house-holders).
- (3) Ty Grippwr Hill (not used by house-holders).
- (4) Park Slip Cottages Spring (still used by house-holders, though main in all houses).
- (5) Gilfach Cottages—Stream (4 houses).
- (6) Gelli Siriol Cottages—Spring (3 houses).
- (7) Greenmeadow—Spring (6 houses).
- (8) Tyisha Buildings—Well (3 houses).
- (9) Wern Fach—Well (2 houses).
- (10) Park Field Tycrudd and Drefach—Spring (4 houses).
- (11) Maes-y-der—Spring (2 houses).
- (12) Hendre—Spring (7 houses).
- (13) Panty Pwlla—Spring (7 houses).
- (14) Waunwen—Well (1 house).
- (15) Derwen Goppa (4 houses).
- (16) Pant Mari Flanders—Well.
- (17) Pant Mari Flanders—Two Springs.
- (18) Green Isha—Two Wells.
- (19) Trepit—Well.
- (20) Broughton—Well.
- (21) Corntown—Spring.
- (22) Corntown Court—Spring.
- (23) Penprysg—Spring.
- (24) Trebryn—Spring.
- (25) Peithcelyn—Spring.
- (26) Victoria Road—Spring.
- (27) Ffynnon Maen—Spring.
- (28) Llangewydd Road—Spring.
- (29) Cwmffoes Crossing—Spring.
- (30) Llangewydd Court—Spring.
- (31) Sker Farm—Well.
- (32) New Road—Spring.
- (33) Waun-y-Mer—Well.
- (34) Ploryn Maudlam—Spring.

(ii) Drainage and Sewerage.

In certain parts of your district, there are sewerage schemes which are satisfactory. In other parts, owing to the absence of sewers, pail closets or privy middens are used.

Sewerage and Sewage Disposal.

The reconstruction of the Penybont Main Sewer is still in progress.

During the year the following extensions and repairs of the sewer were carried out:—

Extension of sewer to Hawes Factory at Pyle.
Repairs and replacement of rotary distributors at
Pencoed Sewerage Works.

Extension of Sewer to—

26 houses at Marlas Road, Pyle.

16 houses at Pandy Crescent, Pyle.

56 houses at Sarn.

50 B.I.S.F. houses, Kenfig Hill.

54 Prefabs., Pwllandras.

(2) **Rivers and Streams.**

The chief rivers in the district are the Llynfi and Ogmore.

The Llynfi rises in the Maesteg Valley and flows through the upper part of your district, receiving tributaries from the Gadlys valley, from Cwm-Nant-Gwyn and the Kenfig brook at the junction of the Ogmore and Llynfi rivers below Brynmenyn. This stream receives the coal washings of the pits in the Maesteg Valley, and also the sewage effluent from the Maesteg U.D. Council works, and the effluent from your Council works at Troedyrhiwgarth. At Kenfig Hill, there is a brook at Nant-craig-yr-Aber, which is really the overflow of the Porthcawl Water Works. The Cwm Kenfig brook divides Kenfig Hill and Pyle parishes from the Port Talbot Borough.

The Ewenny River rises at the east-most point of your district, and joins the Ogmore River at Merthyr-mawr. The Ewenny has a tributary which joins it near Castle-upon-Alum. The Ewenny, during its course, receives crude sewage from a few houses, e.g., at Pencoed. The Ogmore River is a continuation of the two main streams in the Ogmore and Garw Urban District. It passes through Tondu and Aberkenfig, and, after flowing some distance, it passes through the town of Bridgend, and again into your district, ultimately discharging into the Bristol Channel. This stream receives the coal washings of several collieries, and the sewage effluent of the Ogmore and Garw Urban District Council, and that portion of Gilfach Goch termed Evanstown.

(3). (i) **Closet Accommodation.**

Particulars of conversions from conservancy system to water carriage systems, which are now discharging into the Council's sewers:—

<i>Year.</i>	<i>Pail Closets to Water Closets</i>	<i>Privies to Water Closets</i>	<i>Water Closets from Cesspools or places other- wise than a Proper Sewer</i>
1925	108	69	7
1926	151	63	37
1927	29	12	6
1928	13	1	1
1929	1	Nil	11
1930	39	14	21
1931	9	7	4
1932	3	3	2
1933	Nil	2	1
1934	3	Nil	26
1935	5	Nil	1
1936	7	1	Nil
1937	4	Nil	Nil
1938	1	Nil	Nil
1939	6	5	Nil
1940	6	5	Nil
1941	22	Nil	6
1942	4	Nil	Nil
1943	15	Nil	3
1944	Nil	Nil	Nil
1945	4	Nil	Nil
1946	4	Nil	Nil
Total	434	182	126

At the end of the year 1946, the number of closets were as follows:—

Water closets to sewer	5,639
Water closets to cesspools	642
Pail or earth closets to privies	1,416

These figures do not include the two Mental Hospitals or the Smallpox Hospital, the Isolation Hospital or Government owned premises erected during the war.

(ii) **Public Cleansing.**

The Council has organised the collection of House and Trade Refuse throughout the district twice weekly, and also the collection of Salvage at least once weekly by means of their own vehicles.

Two new Refuse Collecting Vehicles have been purchased, and the collecting area extended to cover:—

The Bryn, Coychurch; Trading Estate, Bridgend; Laleston; 51 Prefabs., Kenfig Hill; 26 houses, Marlas Road, Pyle; 15 houses, Hemi-Cycle, Pyle.

Cesspool Cleansing.

Four free cleansings are given to each cesspool per annum throughout the Penybont district, instead of two free cleansings per annum, as previously.

(iii) Sanitary Inspection of the Area.

See Sanitary Inspector's Report.

(iv) Shops.

It was not found necessary during the year to take any action under the provisions of the Shops Act, 1934, relating to ventilation, and the temperature of shops.

(v) Camping Sites.

- (1) The number of sites in the area which were used for camping purposes during 1945 was 8.
- (2) The number of camping sites in respect of which licences have been issued by the Local Authority, under Section 269 of the Public Health Act, 1936 is Nil.
- (3) The estimated maximum number of campers resident in the area at one time during the summer season, 1946 was 1,100.

(vi) Smoke Abatement.

There was no action taken during the year with a view to the abatement of nuisance from smoke in the area.

(vii) Swimming Baths and Pools.

There are no Swimming Baths or Pools in your district but the provision of such would be of great advantage to the inhabitants.

(viii) Eradication of Bed Bugs.

- (1) 1.—(a) The number of Council houses found to be infested was eight.
- (b) The number of other houses found to be infested was two.

2.—(a) The number of Council houses disinfested was eight.

(b) The number of other houses disinfested was two.

(2) The methods employed for freeing infested houses are as follows:—

(a) In Council houses, skirting boards, picture rails and architraves are removed; a blow lamp is used to destroy vermin and their eggs. The rooms are then sprayed with Solution B.

(b) In other than Council houses the same treatment is carried out where necessary, or disinfectants are supplied.

The above methods of eradication seem to have been quite satisfactory.

(3) The houses of all applicants for Council houses are inspected by the Sanitary Inspectors.

(4) The work of disinfestation is carried out by the Local Authority.

(5) Householders are advised to maintain a good standard of cleanliness, and all premises are frequently visited.

SECTION D.

Housing.

See Sanitary Inspector's Report.

SECTION E.

Inspection and Supervision of Food.

(a) **Milk Supply.** During the year, 144 samples of milk were taken, 112 of these being from graded supplies, and of these 18 were unsatisfactory. Steps were taken to deal with all unsatisfactory cases, and the cowsheds and dairies were inspected and advice given. Further samples were always taken following upon unsatisfactory reports. The use of pasteurised milk seems to be growing in the district.

Of the 32 ungraded samples, 9 were unsatisfactory. Thirty-five samples of milk were taken for Tubercle Bacilli, and all were found to be negative.

(b) **Meat and Other Foods.** Regular inspection of all slaughter-houses, shops, stalls and vehicles is carried out.

(c) **Adulteration, etc.** For the following report I am indebted to Superintendent Richard Lyons.

The following samples were taken in your Council's area during the year 1946:—

New Milk	26
Semolina	1
Sponge Mixture	1
Lard	1
Butter	1
Margarine	1
Cheese	1
Pickled Cabbage	1
Tinned Soup	1
Frys Cocoa	1
Baking Powder	1
<hr/>	
Total	36

The sample of sponge mixture which was purchased at Aberkenfig was found to be infected with meal mites (*Tyrophus Farinae*). The matter was reported to me and satisfactorily dealt with.

Upon analysis, three of the milk samples were found to contain added water. Proceedings were instituted and fines were imposed in all three cases.

(d) **Chemical and Bacteriological Examination of Food.** All this work is done at the Cardiff and County Laboratory, samples of graded and ordinary milks being examined monthly.

SCHOOL.	Accommodation.	No. on Register.	Water Supply	Heating.	CLOAKROOMS AND WASHING FACILITIES.	Clean Accommodation and Drains.	Remarks.
Cam. Cribbsey—Mixed & Infants	340 mixed 186 infants	195 mixed 125 infants	Main	Open Fires	sufficient hooks for wash hand basins	w.c.'s and drains to cesspool	(14) Schools
Connolly—Mixed & Infants	259	161	Main	Open Fires	sufficient hooks for clothes.	w.c.'s and drains to cesspool	Satisfactory but for Drainage
Pyle—Mixed & Infants	352	262	Main	Central Heating	No hot water to wash hand basins	w.c.'s and drains to sewer	Satisfactory
Kenfig Hill—Junior Mixed	380	249	Main	Open Fires	sufficient hooks for clothes.	w.c.'s and drains to sewer	Satisfactory
Brynau, Kenfig Hill—Senior Mixed	234	92	Main	Open Fires and Stoves	sufficient hooks for clothes, no heating, no hot water	w.c.'s and drains to sewer	Fairly Satisfactory
Brynau, Kenfig Hill—Infants.	123	45	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water	w.c.'s and drains to sewer	Old School fairly satisfactory
Covechurch—Junior Mixed	80	31	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water	pan closets, urinals to cesspool, surface water and water from wash hand basins empty into pool across the road	Structurally sound
Wick—Mixed & Infants	80	63	Main	Open Fires	sufficient hooks for clothes, no hot water, no heating	w.c.'s and drains to cesspools	Old type of School
St. Brides Major—Mixed & Infants	139	60	Main	Open Fires	Sufficient hooks for clothes, no heating, no hot water to wash hand basins	closets and drains to crevices in rocks	Old type of School
Laleston—Mixed & Infants	150	82	Main	Central Heating	sufficient hooks, heating in cloakrooms, no hot water to wash hand basins	water closets, urinal and drains to cesspools	Satisfactory
Pencoed—Senior Mixed	480	232	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	New School, Dining Hall provided for mid-day meals, seating accommodation for 120 pupils
Pencoed—Junior Mixed	264	256	Main	Central Heating	no hot water, sufficient hooks for clothes in girls' and boys' cloakrooms. There are only four wash hand basins, for 116 boys' and five wash hand basins for 122 girls	w.c.'s, urinal and drains to sewer	Structurally sound
Pencoed—Infants	180	125	Main	Central Heating	sufficient hooks for clothes, no hot water	w.c.'s and drains to sewer	Satisfactory
Evenny—Junior Mixed and Infants.	57	30	Main	Open Fire and Stove	sufficient hooks for clothes, no heating, no hot water	w.c.'s and drains to cesspools	Old School satisfactory
Brynartion, Laleston—Boys' Private School	58 boarders, 22 d'y boys	49 boarders 14 day boys	Main	Central Heating	satisfactory	w.c.'s and drains to cesspools	Satisfactory
Cwmfelin—Mixed	305	145	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Pontrhydyff—Mixed	264	144	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Bryncestlin—Mixed	426	336	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Tondu—Boys and Girls	336 boys 308 girls	258 boys 218 girls	Main	Central Heating	sufficient hooks for clothes, central heating unsatisfactory as cloak rooms are too large for drying, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Pandy—Infants	196	98	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Heolgyw—Mixed	254	145	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Tondu—Infants	144	74	Main	Open Fires	sufficient hooks for clothes, no heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Structurally satisfactory
Brynnwyn—Mixed	264	249	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins.	w.c.'s and drains to sewer	Structurally satisfactory
St. Robert's (Roman Catholic) School, Aberkenfig	200	140	Main	Central Heating	sufficient hooks for clothes, central heating, no hot water to wash hand basins.	w.c.'s and drains to sewer	Structurally satisfactory
Penvia—Mixed	104	37	Main	Open Fires, doubtful if satisfactory in cold weather	sufficient hooks for clothes, no heating, no hot water to wash hand basins	w.c.'s and drains to sewer	Satisfactory
Cotty—Mixed	160	160	Main	Open Fires	number of hooks is fairly satisfactory, closed stoves in each cloakroom satisfactory, no hot water to wash hand basins	w.c.'s to a large cesspit, fairly satisfactory	Structurally satisfactory

Carcases Inspected and Condemned.

	<i>Cattle excluding Cows.</i>			<i>Sheep and Lambs.</i>			<i>Pigs.</i>
Number killed (if known)	5	.....	17	.....	Nil	.....	269
Number Inspected	5	.....	17	.....	Nil	.....	262

All Diseases except Tuberculosis

Whole Carcases condemned	Nil	.....	Nil	.....	Nil	.....	Nil
Carcases of which some part or organ was condemned	Nil	.....	2	.....	Nil	.....	2
Percentage of the number inspected affected with dis- ease other than Tuber- culosis	Nil	.....	11.76	.....	Nil	.....	.76

Tuberculosis only.

Whole Carcases condemned	Nil	.....	2	.....	Nil	.....	2
Carcases of which some part was condemned	2	.....	6	.....	Nil	.....	7
Percentage of the number inspected affected with Tuberculosis	40.00	.....	47.06	.....	Nil	.....	3.44

(e) **Nutrition.** Advice is given at the various Infant Welfare and Ante-Natal Centres in regard to the nutritive value of foodstuffs. Small leaflets and books are kept at these Centres and distributed to the mothers who attend.

SECTION F.

Prevalence of, and Control over, Infectious and Other Diseases.

The number of cases of infectious disease notified during 1946 was a decrease over that of 1945.

The actual number of each disease can be seen from the appropriate table.

Scarlet Fever shows a decrease. The disease was of a mild type. Of the 31 cases notified, 18 were removed to

Hospital because of no suitable accommodation in the home, and in a few instances because the mother was pregnant. Very few complications developed amongst these cases of Scarlet Fever. The average length of stay in hospital was under four weeks.

Diphtheria showed a decrease over 1945. One death occurred from this disease. All the cases were treated in hospital. Diphtheria immunisation is carried out at the Penybont Council Offices, Bridgend, and at Kenfig Hill Infant Welfare Clinic, and clinics were held weekly. During 1946 515 children were immunised of which 90 were school children, and 425 pre-school children. 18 children started the treatment and did not have the second or third injections. Alum Precipitated Toxin (B. W. & Co. A.P.T.) was used in all cases. There were 200 children re-immunised.

It is estimated that at the end of 1946 44% of all children under five years of age and 74% of children between the ages of five and fifteen were immunised against diphtheria.

The Probationer Nurses at the Isolation Hospital are also immunised against diphtheria.

No Measles serum for prophylaxis was used in the district.

All cases of measles and whooping cough under five years of age are visited by the Health Visitors.

All the cases of malaria notified were induced cases.

Where any cases of scarlet fever are treated at home, the Sanitary Inspectors visit as frequently as they think necessary.

There is no provision made at present for the typing of pneumococci. All cases of pneumonia are not notified.

Head teachers are advised of all cases notified amongst school children and those living in the same house.

(4)

(a) **Prevention of Blindness.**

As will be seen from the appropriate Table, there was one case of Ophthalmia Neonatorum notified.

CASES.			Vision Unim- paired	Vision impaired	Total Blindness	Deaths
Notified	TREATED At home	In hospital				
Nil	Nil	Nil	Nil	Nil	Nil	Nil

(b) **Tuberculosis.**

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

(5)

Tuberculosis.**New Cases and Mortality during 1946.**

Particulars of new cases of Tuberculosis and of deaths from the disease in the area during 1946.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—			1				1	
1—			8	2				1
5—		2	3	4				
15—	5	4	2			4		
25—	6	5	1	3	1	3	1	1
35—	2	2	2	2	1	2		
45—	1	1			2	1		
55—	3	1			1	1		
65 & upwards						1		
Totals	17	15	17	11	5	12	2	2

All cases of Tuberculosis were notified.

Notifiable Diseases (other than Tuberculosis)
during the Year, 1946.

DISEASE.	CASES NOTIFIED.													Total Cases	Cases admitted to hospital	Total Deaths
	Under 1 year	1-2	2-3	3-4	4-5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & over				
Pemphigus Neonum																
Smallpox ...																
Scarlet Fever ...			1	2	3	16	6	1	1	1			31	18		
Diphtheria ...				1	1	4	2	1	3				12	12	1	
Enteric Fever ...						1							1	1		
Puerperal Pyrexia									1				1			
Pneumonia ...		1			1				3	4	4	1	14	1	14	
Encephalitis																
Lethargia																
Ophthalmia Neon- atorum																
Erysipelas ...										1	3	1	5	2		
Malaria ...									1				1			
Dysentery ...																
Poliomyelitis ...																
Cerebro Spinal																
Meningitis ...					1								1	1		
Measles ...						1							1			
Whooping Cough...			1										1		1	

3.

Cancer.

Organ affected	0-25		25-45		45-65		65 up-		Totals	
	years.		years.		years.		wards.			
	M	F	M	F	M	F	M	F	M	F
Stomach	—	—	—	—	6	2	5	1	11	3
Genital Organs ...	—	—	—	—	—	1	—	1	—	2
Breast	—	—	—	—	—	—	—	3	—	3
Intestines	—	—	1	—	2	1	7	2	10	3
Mouth	—	—	—	—	—	—	2	—	2	—
Oesophagus	—	—	—	—	1	1	1	—	2	1
Skin	—	—	—	—	—	—	—	1	—	1
Larynx	—	—	—	—	—	1	2	—	2	1
Lung	—	—	1	—	3	—	1	—	5	—
Liver	—	—	—	—	—	—	2	1	2	1
Gall Bladder	—	—	—	—	—	1	—	—	—	1
Bladder	—	—	—	1	1	—	1	—	2	1
Not Stated	—	—	—	—	1	—	—	—	1	—
TOTALS	—	—	2	1	14	7	21	9	37	17

TABLE 1.
PENYBONT RURAL DISTRICT COUNCIL.
Deaths registered during 1946 classified by Age and Cause.

Causes of Death.	Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the district.									Total Deaths whether Resident or Non-resi- dent in institutions in the district.	Inquest Cases.
	All ages	Under 1 year	1 and under 2.	2 and under 5.	5 and under 15	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.		
All Causes, Certified ... Uncertified ...	342 ...	19	6	5	6	10	40	92	164	160	37
Typhoid & Paratyphoid Fevers ...											
Cerebro-Spinal Fever ...											
Scarlet Fever ...											
Whooping Cough ...	1		1							1	
Diphtheria ...	1				1						
Tuberculosis of Respiratory System ...	17					4	7	5	1	12	1
Other Tuberculous Diseases ...	4	1		1			2			2	
Syphilitic Disease ...	2								2	2	
Influenza ...	2						2			1	
Measles...											
Acute Poliomyelitis and Polioencephalitis ...											
Acute Infectious Encephalitis ...											
Cancer of Buccalcavity and Oesophagus (Males only)	4							1	3		
Cancer of Uterus ...	1							1			
Cancer of Stomach and Duodenum ...	14							8	6	2	
Cancer of Breast...	3								3		
Cancer of all other sites ...	32						3	11	18	2	1
Diabetes ...	9					1	1	1	6	1	
Intra-Cranial Vascular Lesions ...	24						1	8	15	9	1
Heart Disease ...	84				1	1	5	22	55	50	6
Other Circulatory Diseases ...	6						1	1	4	1	
Bronchitis ...	14	1						4	9	3	
Pneumonia ...	14	3	2			1	1	4	3	10	
Other Respiratory Diseases ...	10						3	6	1	1	1
Ulceration of Stomach and Duodenum ...											
Diarrhoea, etc. (under 2 yrs)											
Appendicitis ...	2						2				
Other Digestive Diseases...	9		1		1			3	4		
Nephritis ...	6							3	3	9	1
Puerperal and Postabortive Sepsis ...											
Other Maternal Causes ...	2						2			2	
Premature Birth...	7	7									
Congenital Malformations											
Birth Injury, Infantile Disease ...	5	5									
Suicide...	5						1	3	1		5
Road Traffic Accidents ...	4			1		2	1				4
Other Violent Deaths ...	14	1	2	3	1	1	2	2	2	3	14
All Other Causes ...	46	1			2		6	9	28	43	3

TABLE 2.
Deaths in the various months, 1946.

	Male.	Female.
January	24	11
February	15	17
March	19	15
April	18	12
May	12	12
June	15	12
July	13	14
August	18	16
September	12	9
October	17	6
November	15	12
December	17	11
Totals	195	147

TABLE 3.
Deaths 1946 (Outward Transferable Deaths excluded
Inward Transferable Deaths Included), registered in the
various Months.

	Bridgend.	Ogmore.	Maesteg.	Cowbridge
January	26	3	1	5
February	24	2	1	5
March	16	9	2	7
April	16	6	4	4
May	14	5	2	3
June	16	3	6	2
July	15	4	4	4
August	24	4	1	5
September	15	2	4	—
October	13	3	1	6
November	15	4	3	5
December	14	5	6	3
Totals	208	50	35	49

TABLE 4.
Deaths 1946 (Outward Transferable Deaths included)
registered in the various Months.

	Bridgend.	Ogmore.	Maesteg.	Cowbridge
January	40	2	—	5
February	23	2	—	4
March	33	7	1	3
April	26	4	2	3
May	16	3	2	—
June	26	2	4	1
July	21	2	3	2
August	29	4	—	2
September	20	1	2	—
October	23	1	—	2
November	19	2	3	2
December	13	5	6	—
Totals	289	35	23	24

Penybont Rural District Council.

TABLE 5.

INFANTILE MORTALITY DURING THE YEAR 1946.

Nett Deaths from stated Causes at various ages under One Year.

CAUSES OF DEATH	Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 weeks	1-3 months	3-6 Months	6-9 Months	9-12 Months	Total D'ths under One Year.
All Causes, Certified / Uncertified	5	4	1	1	11	2	4	1	1	19
Cancer										
Small Pox										
Chicken Pox										
Measles										
Scarlet Fever										
Whooping Cough										
Diphtheria and Croup										
Erysipelas										
Tuberculous Meningitis									1	1
Abdominal Tuberculosis... ..										
Other Tuberculous Diseases										
Meningitis (not Tuberculous)										
Convulsions							1			1
Laryngitis										
Bronchitis				1	1					1
Pneumonia		1			1		2			3
Diarrhoea										
Enteritis										
Gastritis										
Syphilis										
Rickets										
Suffocation										
Injury at Birth	3				3					3
Atelectasis										
Congenital Malformation		1			1					1
Premature Birth	2	2	1		5	2				7
Atrophy, Debility, and Marasmus										
Accident								1		1
Other Causes							1			1

Nett Births registered in the calendar year:

Legitimate, 568. Illegitimate, 31.

Nett Deaths registered in the calendar year—20.

Legitimate—18 (Males 10, Females 8). Illegitimate—2.
(Males, 1. Females, 1).

Infantile Rate: Legitimate Infants 31.7

Illegitimate Infants, 64.5. Total rate—33.4.

TABLE 6.

Vital Statistics of whole District during 1946 and previous 35 years.

Year	Population estimated to middle of each year.	Live Births			Total Deaths Registered in the District		Transferable Deaths		Nett Deaths belonging to District			
		Uncorrected Number	Nett		Number	Rate	Of Non-residents registered in the District	Of Residents not registered in the District	Under 1 Year		At all Ages	
			Number	Rate					Number	Rate per 1,000 Births	Number	Rate
1911	22943	675	680	32.04	491	21.40	188	15	80	117.6	318	14.91
1912	23247	691	695	32.30	414	17.81	171	14	60	86.3	257	11.91
1913	23726	720	722	32.83	404	16.90	145	9	56	77.5	265	12.05
1914	24068	687	690	27.71	450	18.70	190	33	50	72.4	293	13.16
1915	24228	615	617	26.68	488	20.14	256	19	52	84.2	251	11.96
1916	24330	597	600	26.68	453	18.62	222	29	40	67.0	260	11.56
1917	24310	627	627	27.76	480	23.76	322	18	57	90.0	277	12.26
1918	21809	573	—	23.4	320	14.6	—	—	53	92.0	320	14.6
1919	21700	621	—	26.2	264	11.6	—	—	49	78.0	264	11.6
1920	25000	736	741	29.6	452	18.0	173	30	63	85.0	309	12.3
1921	28100	698	700	24.8	412	14.6	157	34	63	90.0	289	10.2
1922	28920	655	662	22.8	496	17.8	214	40	59	89.1	322	11.1
1923	29510	657	663	22.4	403	13.6	175	32	39	58.8	259	8.7
1924	29510	680	691	23.4	395	13.3	153	27	38	54.9	269	9.1
1925	30530	611	635	20.7	431	14.0	185	38	38	59.8	284	9.3
1926	32300	665	677	21.9	399	12.9	167	38	41	60.5	270	8.5
1927	32700	551	565	17.2	433	13.2	171	45	46	81.0	307	9.0
1928	32140	540	564	17.5	394	12.2	156	47	40	70.9	285	8.8
1929	31130	554	584	18.7	428	13.7	175	37	45	77.0	290	9.3
1930	31130	475	506	16.2	387	12.4	139	64	34	67.1	312	10.0
1931	29330	458	481	16.4	421	14.4	175	57	25	51.9	304	10.4
1932	29260	426	475	16.2	439	15.0	196	59	36	75.7	302	10.3
1933	29240	401	485	16.5	445	17.7	199	74	40	82.0	320	10.9
1934	29100	399	476	16.3	427	14.6	171	82	29	60.9	338	11.5
1935	29010	375	527	18.1	419	14.4	194	72	31	58.8	297	10.2
1936	28150	288	412	14.6	411	14.6	185	82	29	68.0	308	11.0
1937	27640	296	435	15.7	439	15.5	184	86	28	64.3	341	12.3
1938	27660	326	462	16.7	445	16.0	187	62	26	58.0	320	11.5
1939	30721	314	433	14.0	418	13.6	160	72	26	60.0	330	10.7
1940	31100	393	539	17.3	495	15.9	236	86	37	67.2	345	11.0
1941	32760	336	567	17.3	488	14.8	238	98	45	78.0	348	10.5
1942	32910	288	572	17.3	420	12.7	185	77	31	54.1	312	9.5
1943	32780	328	638	19.5	415	12.3	183	90	38	60.0	322	9.8
1944	31370	317	660	21.0	414	12.8	175	87	29	43.9	325	10.3
1945	31520	270	584	19.1	434	14.2	159	99	27	46.2	374	12.3
1946	23460	253	599	17.9	371	11.0	147	118	20	33.4	342	9.9

TABLE 7.

Births, 1946. Registered in the various Months.

	<i>Bridgend.</i>	<i>Ogmore.</i>	<i>Maesteg.</i>	<i>Cowbridge</i>
January	14	—	1	2
February	9	1	—	3
March	12	3	—	2
April	13	7	1	3
May	10	2	2	3
June	11	6	2	—
July	11	7	4	6
August	16	1	1	6
September	10	3	3	1
October	12	2	4	3
November	15	2	3	2
December	14	7	3	1
Totals	147	41	24	32

In addition to the above there are inward transferable births to be added.

Net total Births—599.

TABLE 8.

Births Registered during 1946.

	<i>Legitimate—</i>		<i>Illegitimate—</i>	
	<i>Males</i>	<i>Females</i>	<i>Males</i>	<i>Females</i>
January	8	8	1	—
February	10	3	—	1
March	7	7	1	1
April	13	10	1	—
May	9	7	—	1
June	8	8	2	1
July	8	16	3	1
August	10	13	—	1
September	7	10	—	—
October	6	15	—	—
November	14	11	—	1
December	7	14	—	—
Totals	107	122	8	7

In addition to the above, inward transferable births have to be added.

The above Tables have had the Outward Transferable Births taken out.

TABLE 9.

District	No. of Live Births	No. of Still Births	Inward		No. of Infant Deaths	No. of of Inward Transfer- able Deaths
			Transferable Births from Bridgend Maternity Home	Still Births		
Heolycyw	5	—	16	—	—	1
Pencoed	26	—	42	—	1	1
Coychurch & Waterton	2	—	4	—	—	1
Corntown & Ewenny	5	—	9	1	—	—
St. Brides Major	1	—	1	—	—	—
Wick	1	—	5	1	—	—
Ogmore & Southerndown	6	—	7	1	1	—
Laleston & Merthyr-mawr	16	—	36	—	—	—
Pyle	23	—	14	1	1	1
Cornelly & Ton Kenuig	12	—	11	—	—	—
Kenfig Hill	32	—	33	2	1	—
Kenfig Cribbwr	17	—	15	1	—	—
Penyfai	—	—	11	—	—	—
Cefn Aberkenfig	22	1	36	—	1	1
Tondu	4	—	12	1	—	—
Coytraheun	—	—	2	—	—	—
Llangynwyd	13	—	7	—	—	—
Cwunfelin	7	—	2	—	—	—
Sarn	15	—	4	—	—	—
Brynceoth & Brynceithin	16	—	15	2	1	1
Coity & Cefn Hirgoed	5	—	7	—	1	—
Litchard	7	—	10	1	—	—
Brynmenyn	9	—	22	—	—	2
Totals	244	1	321	12	7	12

In addition to the above Live Births Inward Transferable Births have to be added, making a total of 599 Live Births.
(The Outward Live Births have been taken out).

TABLE 10.

Notifications of Infectious Diseases, 1946.

DISTRICT	Scarlet Fever.	Diphtheria.	Pneumonia.	Ophthalmia Neonatorum.	Phthisis.	Other Tuber- cular Disease.	Cerebro- Spinal Fever.	Polio-myelitis	Erysipelas.	Puerperal Pyrexia.	Dysentery.	Enteric Fever.	Malaria	Pemphigus Neonatorum	Measles.	Whooping Cough.
St. Brides Major																
Pencoed ...	1	1			3	4										
Heolycyw ...					3											
Brynmenyn ...		2				1										
Aberkenfig ...	3	1			3	4										
Tondu ...					3	1			1							
Kenfig Hill ...	2		1		4	3										
Pyle... ..	1				4	2	1									
Cefn Cribbwr ...	3				2	1										
Bryncethin ...	4				2	3						1				
Bryneoch ...																
Penyfai ...	1				1	1										
Llangynwyd ...	3	1	1													
Laleston ...	3	4	1		3				1							
Cty. Mental Hos.			10						2							
Cornelly ...					1								1			
Southerndown	1															
Cwmfelin ...	2		1			4										
Coychurch ...						1										
Eweny ...	4				1											
Merthyr-mawr...																
Wick ...	1					1										1
Ogmore ...		1			1											
Litchard ...		2														
Isolation Hosp.																
Cefn Hirgoed ...																
Tythegston ...	1															
Sarn... ..	1					2										
Coytrahen ...																
Blackmill ...										1						
Coity ...					1				1							
Admitted to Isolation Hospital ...	18	12	1				1		2			1				
TOTALS...	31	12	14		32	28	1		5	1		1	1		1	1

TABLE 11.

Notification of Infectious Diseases for each Month in 1946.

	Jan.	Feb.	Mar.	April.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total	No. of Cases ad- mitted to Isolation Hospital.
Scarlet Fever	4	2		3	4	4	4	1	3	3	2	1	31	18
Diphtheria		3	1	2	1	1	1	1			2	1	12	12
Enteric Fever		1	1										1	1
Erysipelas		1			1	1					1	1	5	2
Ophthalmia Neonatorum														
Measles												1	1	1
Whooping Cough			1										1	1
Phthisis	2		4	5	3	3	4	2	4		3	2	32	
Other Tubercular Diseases	3	1	1	5	3	2	2	4	1	1	4	1	28	
Pneumonia	1	1	1	4	1		2		1	1	2		14	1
Polomyelitis														
Encephalitis Lethargica														
Small Pox														
Dysentery														
Meningo-coccal-Meningitis			1										1	1
Puerperal Pyrexia					1								1	1
Malaria				1									1	1
Pemphigus Neonatorum														
Dysentery														
TOTALS	10	8	10	20	14	10	13	8	9	5	12	9	128	35

TABLE 12.

Maternity and Child Welfare.

BIRTHS (including Still Births).

Registered: Legitimate, 238. Illegitimate, 16. Total, 254

Notified within thirty-six hours of birth:—

(1) Live Births, 252. (2) Still Births, 3. Total, 255.

(1) By Midwives, 254. (2) By Doctors & Parents, 1.

INFANT DEATHS.

Number—

(1) Legitimate, 18. (2) Illegitimate, 2. Total, 20.

Rate per 1,000 Births—

(1) Legitimate, 31.7. (2) Illegitimate, 64.5. Total, 33.4

HEALTH VISITORS.

Visits paid by Health Visitors during the year:—

To expectant mothers—

(1) First Visits, 501. Total Visits, 1,421.

To infants under one year—

(1) First Visits, 640. Total Visits, 3,009.

To children 1—5 years. Total Visits, 7,410.

To cases of Tuberculosis—

(1) First Visits, 57. Total Visits, 770.

To cases of Whooping Cough—

(1) First Visits, 1. (2) Total Visits, 2.

To cases of Ophthalmia Neonatorum—

(1) First Visits, 1. (2) Total Visits, 3.

TABLE 13. Maternity and Child Welfare.

ATTENDANCES AT INFANT WELFARE CENTRE.																	Attendances at Artificial Sun- light Clinic	
Infantile Mortality.	Laleston.	Tondur.	Kenfig Hill.	Pencoed.	Cwmfelin.	Heolyceywr.	Cornelly.	Coytrehan.	Bryncestlin.	Cefn Gribbwr.	St. Brides Major.	Law Street.	Coity.	Wick.	Brynmeyn.	Bryntirion.	Greenmeadow, Bridgend	
1946	269	3480	2971	2159	559	369	195	165	620	705	460	—	410	131	487	565	—	
1945	296	3236	2917	1923	550	277	278	114	477	721	597	—	486	177	514	673	—	
1944	581	3357	3682	2038	669	272	310	223	545	851	819	31	427	237	680	369	—	
1943	495	3031	3162	1973	624	258	212	182	606	822	755	126	509	179	584	—	—	
1942	348	3068	3035	2225	577	260	309	179	692	817	611	155	516	256	50	—	—	
1941	369	2613	3305	2493	476	244	331	129	697	601	734	217	478	322	—	—	215	
1940	369	2842	3285	2602	559	264	361	103	757	435	383	195	282	261	—	—	237	
1939	331	3054	3064	1788	633	347	363	137	979	430	313	308	211	152	—	—	562	
1938	305	3328	3617	2591	741	390	352	131	1214	536	250	272	155	191	—	—	293	
1937	314	4764	4061	2635	886	367	359	195	1585	466	387	321	283	254	—	—	564	
1936	429	4611	4666	3532	989	674	433	234	1780	626	423	440	288	231	—	—	1558	
1935	524	4227	5315	2426	827	932	474	275	1714	638	378	158	171	83	—	—	1526	
1934	421	4133	4749	1777	935	499	346	299	1829	684	414	Closed June 13th 1944			—	—	349	
1933	393	3878	3856	1795	1088	551	384	305	1560	679	330				—	—	1257	
1932	356	3271	4164	1793	884	436	322	212	1602	583	275				—	—	1070	
1931	280	3345	3452	1739	712	475	303	177	1342	561	312				—	—	672	
1930	362	3925	3920	1620	666	494	275	251	1574	439	374				—	—	610	
1929	286	4148	3163	1633	450	507	306	294	1292	500	304				—	—	16	
1928	286	3312	2703	1190	453	302	196	302	1278	359	111				—	—	—	
1927	203	3549	2876	1249	519	417	260	314	1312	488	—				op'd Dec. 1942	op'd July 1944	opened 14th December 1928.	
1926	173	4792	3476	1576	467	38	37	49	597	—	op'd 1927.				op'd 1935.	op'd 1935.	—	
1925	156	2743	1148	912	478	—	—	—	—	—	op'd 1928.				op'd 1935.	op'd 1935.	—	
1924	183	3059	1560	771	462	—	—	—	—	—	op'd 1927.				op'd 1935.	op'd 1935.	—	
1923	140	2402	1142	625	489	—	—	—	—	—	op'd 1928.				op'd 1935.	op'd 1935.	—	
1922	109	1410	1035	566	351	—	—	—	—	—	op'd 1928.				op'd 1935.	op'd 1935.	—	
1921	130	1035	930	539	605	—	—	—	—	—	op'd 1927.				op'd 1935.	op'd 1935.	—	

Not opened till 1926.

op'd
opened
July 14th
December
1928.op'd
Dec.
1942op'd
1935.op'd
1935.op'd
1935.op'd
1928.op'd
1927.

TABLE 14.
Attendances at various Infant Welfare Centres, 1946.

	No. of Centres	Total Attend- dance	Average Attend- dance	Attend- dance under one year	Attend- dance 1-5 years.	First Attend- dance under one year.	First Attend- dance 1-5 years.	No. of Children attending at end of 1946.
Kenfig Hill	51	2971	58.2	1138	1833	98	8	241
Pencoed	51	2159	42.5	1056	1103	58	12	156
Heolycyw	26	369	14.1	203	166	22	3	48
Tondu	48	3480	72.5	2057	1423	83	10	219
Bryncoch	26	620	23.8	268	352	33	1	60
Coytrahen	25	165	24.5	53	112	2	1	14
Cwmfelin	23	559	24.3	267	292	33	4	69
Cornelly	26	195	7.5	133	62	17	2	32
Laleston	26	269	10.3	70	199	11	3	36
St. Brides Major	24	460	19.1	194	266	23	5	55
Cefn Cribbwr	25	705	28.2	222	483	27	5	97
Coity	25	410	16.4	208	202	20	2	38
Wick	24	131	5.4	47	84	5	1	16
Brynmennyn	26	487	18.7	194	303	19	5	69
Bryntirion	23	565	6.6	257	308	36	11	82
Totals	449	13545	30.1	6367	7188	487	73	1232

TABLE 15.

Ante-Natal Clinics.—Attendances at Ante-Natal Clinics.

	Tondu	Kenfig Hill	Laleston	Pencoed	Heolycyw	St. Brides Major	Cwmfelin	Cornelly	Cefn Cribbwr	Bryncoch	Wick
1946	657	388	236	347	161	141	175	205	235	396	27
1945	423	406	201	284	133	144	136	122	216	342	45
1944	506	393	292	353	83	270	150	139	224	410	58
1943	447	514	220	392	87	179	98	91	265	332	40
1942	482	491	137	353	64	162	104	102	222	370	58
1941	340	409	54	293	68	101	77	126	253	272	64
1940	294	429	68	180	50	94	128	116	104	192	46
1939	224	402	19	204	82	49	85	128	70	153	22
1938	307	330	52	264	68	56	118	142	79	159	11
1937	370	285	33	275	77	56	98	125	99	139	—
1936	338	346	42	211	53	43	109	35	75	80	—
1935	461	289	25	152	75	52	80	80	54	47	—
1934	325	285	17	161	64	35	140	63	58	—	—
1933	337	173	8	157	52	35	96	97	72	—	—
1932	211	195	13	71	15	37	117	53	31	—	—
1931	254	284	—	—	—	—	—	—	—	—	—
1930	230	204	—	—	—	—	—	—	—	—	—
1929	220	241	—	—	—	—	—	—	—	—	—
1928	212	171	—	—	—	—	—	—	—	—	—
1927	119	176	—	—	—	—	—	—	—	—	—
1926	49	116	—	—	—	—	—	—	—	—	—
Opened	1926	1926	1932	1932	1932	1932	1932	1932	1932	1935	1928

TABLE 16.

Attendances at the various Ante Natal Clinics during 1946.

Centre.	Number of Clinics held.	Total Attendance.	Average attendance per Clinic.	Number of mothers who attended.	Total Post-Natal Attendances.	No. of mothers attending P.N. in 1946.
Kenfig Hill	24	388	16.1	95	11	9
Pencoed	24	347	14.3	76	4	4
Heolycyw	26	161	6.1	37	1	1
Tondu	25	657	26.2	141	38	46
Cwmfelin	23	175	7.6	36	—	—
Cornelly	26	205	7.8	46	7	7
Laleston	26	236	9.0	59	19	19
St. Brides Major	24	141	5.8	34	—	—
Cefn Cribbwr	24	235	9.7	50	9	10
Bryncoch	25	396	15.8	87	17	9
Wick	14	27	1.9	6	—	—
Totals	261	2968	11.3	667	106	115

TABLE 17.—Breast-Fed Babies.

Number of children who were born in 1945, and were resident in the Penybont Rural District at the end of 1946 :—520.
 Of these Children—457 were Breast-fed at Birth. 188 were Breast-fed at 3 months.
 128 were Breast-fed at 6 months. 74 were Breast-fed at 9 months.
 6 were Breast-fed at 12 months. These figures include children who were partially breast-fed.

TABLE 18.

Causes of Death in Penybont Rural District, 1946.

Population 33,460.

<i>Causes of Death.</i>		<i>M.</i>	<i>F.</i>
All Causes	.....	188	145
1 Typhoid and Paratyphoid Fever	.....	—	—
2 Cerebro Spinal Fever	.....	—	—
3 Scarlet Fever	.....	—	—
4 Whooping Cough	.....	1	—
5 Diphtheria	.....	1	—
6 Tuberculosis of Respiratory System	.....	5	12
7 Other Forms of Tuberculosis	.....	2	2
8 Syphilitic Diseases	.....	1	—
9 Influenza	.....	—	1
10 Measles	.....	—	—
11 Acute Poliomyelitis and Polioencephalitis	.....	—	—
12 Acute Infectious Encephalitis	.....	—	—
13 Cancer of Buccal Cavity and Oesophagus (M)	.....	—	—
Uterus (B)	.....	4	1
14 Cancer of Stomach and Duodenum	.....	10	2
15 Cancer of Breast	.....	—	3
16 Cancer of all other sites	.....	22	11
17 Diabetes	.....	1	6
18 Intracranial Vascular Lesions	.....	8	13
19 Heart Disease	.....	42	34
20 Other Diseases of Circulatory System	.....	1	3
21 Bronchitis	.....	16	11
22 Pneumonia	.....	5	5
23 Other Respiratory Diseases	.....	9	1
24 Ulceration of Stomach and Duodenum	.....	—	—
25 Diarrhoea, under 2 years	.....	—	—
26 Appendicitis	.....	1	1
27 Other Digestive Diseases	.....	6	5
28 Nephritis	.....	5	2
29 Puerperal and Post-Abortive Sepsis	.....	—	—
30 Other maternal causes	.....	—	1
31 Premature Birth	.....	3	3
32 Congenital Malformation, Birth Injury, Infantile Diseases	.....	3	2
33 Suicide	.....	3	2
34 Road Traffic Accidents	.....	4	—
35 Other Violent Causes	.....	12	3
36 All other Causes	.....	23	21
Deaths of Infants under 1 year of age :—			
Total	.....	11	9
Legitimate	.....	10	8
Illegitimate	.....	1	1
Live Births :—			
Total	.....	292	307
Legitimate	.....	279	289
Illegitimate	.....	13	18
Stillbirths :—			
Total	.....	11	8
Legitimate	.....	10	8
Illegitimate	.....	1	—

General Register Office—Somerset House, London, W.C.2

VITAL STATISTICS, 1946.

GLAMORGAN (ADMINISTRATIVE COUNTY).

TABLE 19.

District	Estimated Population 1946	BIRTHS.		DEATHS.		INFANT MORTALITY.	
		Number of Births.	Rate per 1,000 Population.	Number of Deaths	Rate per 1,000 Population	Deaths under 1 year	Rate per 1,000 births
Administrative County	710,160	13,799	19.4	8,591	12.1	624	45
Urban Districts	520,490	10,284	19.8	6,501	12.5	462	45
Rural Districts	189,670	3,515	18.5	2,090	11.0	—	46
England & Wales	—	—	19.1	—	11.5	—	43
Urban Districts—							
Aberdare	39,920	658	16.5	581	14.6	30	46
Barry	38,610	817	21.5	449	11.8	38	47
Bridgeend	12,770	255	20.0	132	10.3	7	27
Caerphilly	32,240	759	23.5	401	12.4	34	46
Cowbridge	1,255	19	15.1	11	8.8	1	53
Gelligaer	35,980	794	22.1	422	11.7	43	54
Glencorrtwg	8,904	197	22.1	105	11.8	14	71
Llwechwr	25,510	395	15.5	284	11.1	17	43
Maesteg	22,660	500	22.1	255	11.3	25	50
Mountain Ash	31,880	635	19.9	388	12.2	32	50
Neath	30,940	591	19.1	395	12.8	26	44
Ogmore & Garw	23,310	455	19.5	275	11.8	15	33
Penarth	16,720	312	18.7	215	12.9	10	32
Pontypridd	38,730	778	20.1	502	13.0	41	53
Porthcawl	8,541	146	17.1	113	13.2	2	14
Port Talbot	40,000	770	19.3	477	11.9	33	43
Rhondda	113,120	2,203	19.4	1,496	13.2	94	43
Rural Districts—							
Cardiff	35,770	619	17.3	367	10.3	26	42
Cowbridge	12,750	281	22.0	136	10.7	18	64
Gower	10,830	201	18.6	128	11.8	15	75
Llantrisant	23,610	498	21.1	271	11.5	18	36
Neath	40,090	741	18.5	448	11.2	35	47
PENYBONT	33,460	599	17.9	333	10.0	20	33
Pontardawe	33,160	576	17.4	407	12.3	30	52

The above Table was kindly supplied by Dr. A. R. Culley, County Medical Officer of Health for Glamorgan.

TABLE 20.

Mid-Glamorgan Water Board. **Rainfall Records, Year ended 31st December, 1946.**

Month	Merthyr- Mawr.	Bridgend	Schwylł	Llanharan	St. Athan	Maesteg	Blackmill	Ogmore Vale	Pont- cymmer
January	3.73	3.67	3.79	5.25	2.38	7.97	6.61	13.22	11.25
February	3.63	3.43	3.50	3.74	3.60	6.25	6.99	11.92	7.30
March	1.34	1.27	1.16	1.47	1.30	2.35	1.95	3.62	3.25
April	1.87	1.86	1.88	2.04	2.09	1.89	2.18	2.43	2.70
May	4.95	4.79	4.65	4.89	4.74	4.71	4.74	4.91	5.47
June	5.17	5.01	3.58	5.82	3.57	9.57	7.38	11.39	10.70
July	2.97	2.80	2.17	2.70	3.00	5.27	4.92	6.79	7.31
August	8.08	7.86	6.47	7.92	9.88	11.83	9.16	13.83	13.82
September	6.38	6.24	5.26	7.50	5.86	14.86	10.86	16.27	14.61
October	1.22	1.19	1.12	1.04	.86	1.88	1.41	1.81	1.71
November	6.97	6.65	6.29	8.74	6.19	13.43	9.82	17.06	14.82
December	4.49	4.79	4.62	5.44	4.38	7.88	5.73	9.27	8.78
Totals	50.80	49.56	44.49	56.55	47.85	87.89	71.75	112.52	101.72

RAINFALL, Year 1945—Merthyrmaur, 45.13; Bridgend, 46.19; Schwylł, 41.16; Llanharan, 50.01; St. Athan, 38.16; Maesteg, 66.53; Blackmill, 58.77; Ogmore Vale, 89.54; Pontcymmer, 85.27.

The above Table was kindly supplied by Mr. H. W. Adams, Manager and Clerk to the Mid-Glamorgan Water Board.

Penybont Rural District Council.



SENIOR

Sanitary Inspector's Report

Year ended December 31st, 1946.



HOUSING STATISTICS.

Number of New Houses Erected during the year—

(a) Total [including numbers given separately under (b)]	Nil
(i) By the Local Authority:—	
(a) Permanent	26
(b) Temporary	51
(ii) By other Local Authorities	Nil
(iii) By other Bodies or Persons	7
(b) With State Assistance under the Housing Acts—	
(i) By the Local Authority—	
(a) Under Slum Clearance	Nil
(b) For other purposes	Nil
(ii) By other Bodies or Persons	Nil

1.—Inspection of Dwelling-Houses during the year—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1236
(b) Number of inspections made for the purpose	1461
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 & 1932.....	228
(b) Number of inspections made for the purpose	239

- | | |
|---|-----|
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 77 |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 192 |

2.—Remedy of Defects during the year without Service of Formal Notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	140
---	-----

3.—Action under Statutory Powers during the year—

(a) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936:—

- | | |
|---|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs | 19 |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices— | |
| (a) By Owners | 11 |
| (b) By Local Authority in default of owners, the notices being served last year | Nil |

(b) Proceedings under Public Health Acts:—

- | | |
|--|-----|
| (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied | 31 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices:— | |
| (a) By Owners | 47 |
| (b) By Local Authority in default of Owners | Nil |

Of the 47 dwelling-houses in which defects were remedied, 16 of the formal notices were served in the year 1945.

- (c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:—
- | | |
|---|-----|
| (1) Number of dwelling-houses in respect of which Demolition Orders were made | 1 |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders | Nil |
- (d) Proceedings under Section 12 of the Housing Act, 1936:—
- | | |
|--|-----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | Nil |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined—the tenement or room having been made fit | Nil |

4.—Housing Act, 1936.—Overcrowding.

- | | |
|--|-----|
| (a) (i) Number of dwellings overcrowded at the end of the year | 76 |
| (ii) Number of families dwelling therein | 107 |
| (iii) Number of persons dwelling therein | 591 |
| (b) Number of new cases of overcrowding reported during the year | 107 |
| (c) (i) Number of cases of overcrowding relieved during the year | 65 |
| (ii) Number of persons concerned in such cases | 463 |
| (d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding | Nil |

Rural Housing Survey.

Five meetings of the Glamorgan Joint County Committee on Rural Housing were held in Cardiff during the year, and one meeting of the Technical Sub-committee of the Joint County Committee, of which I am a member.

Towards the end of the year, the Council appointed two survey assistants and a clerk to assist in carrying out the survey in the Penybont area—all temporary appointments.

Number of houses inspected by the end of the year 175

The classification of the 175 houses inspected and recorded was:—

Category 1 Satisfactory	19
“ 2 Minor Repairs	22
“ 3 Structural Alterations and Repairs	39
“ 4 Re-conditioning	1
“ 5 Demolition	94

TABLE 1.

	No. of Inspections	Informal Notices	Work done	Work not done	Work in Progress	Statutory Notices	Work done	Work not done	Work in Progress	Houses found unfit for Human Habitation	Demolition Orders Made	Samples Collected
Public Health Acts	—	180	140	40	6	31	47	—	—	—	—	—
Housing Acts	—	42	15	28	4	19	11	4	4	77	1	—
1 Recorded Houses	228	—	—	—	—	—	—	—	—	—	—	—
2 Other Houses	1461	—	—	—	—	—	—	—	—	—	—	—
3 New Houses	84	—	—	—	—	—	—	—	—	—	—	—
4 Overcrowding	141	3	1	2	—	—	—	—	—	—	—	—
Cowsheds, Dairies, Milkshops	336	16	14	2	—	—	—	—	—	—	—	—
Slaughterhouses, Butchers' Shops	228	—	—	—	—	—	—	—	—	—	—	—
Knackers' Yards	21	—	—	—	—	—	—	—	—	—	—	—
Factories, etc.	106	8	8	—	—	—	—	—	—	—	—	—
Schools	27	1	1	—	—	—	—	—	—	—	—	—
Cinemas	19	5	3	2	—	—	—	—	—	—	—	—
Petrol & Carbide Stores	58	—	—	—	—	—	—	—	—	—	—	—
Shops	146	—	—	—	—	—	—	—	—	—	—	—
Food and Drugs	25	1	1	—	—	—	—	—	—	—	—	—
Rats and Mice	96	—	—	—	—	—	—	—	—	—	—	—
Infectious Diseases—												
1 Investigations	148	14	14	—	—	—	—	—	—	—	—	—
2 Fumigations	105	—	—	—	—	—	—	—	—	—	—	—
Drains Tested	97	—	—	—	—	—	—	—	—	—	—	—
Connections to Water Mains	93	—	—	—	—	—	—	—	—	—	—	19
Refuse Accumulations	20	16	15	1	—	—	—	—	—	—	—	—
Milk Supplies	—	—	—	—	—	—	—	—	—	—	—	142
Totals	3419	286	210	73	10	50	58	4	4	77	1	161

TABLE 2.

**Housing and Sanitary Improvements carried out during
the year.**

REPAIRS TO HOUSES.

1.—Interior of Houses—

1 Ceilings renewed or repaired	22
2 Staircases renewed or repaired	4
3 Floors renewed or repaired	26
4 Grates and ovens renewed or repaired	27
5 Defective plaster to walls made good	16
6 Doors and frames renewed or repaired	6
7 Windows and frames renewed or repaired	61
8 Properly ventilated food stores provided or re- paired	9
9 Wash-up sinks provided or renewed	3
10 Defective hot water services renewed or re- paired	7
11 Wash coppers provided or repaired	3
12 Skirting boards provided or renewed	6
	— 190

2.—Exterior of Houses—

13 Chimneys rebuilt or repaired	12
14 Roofs re-slatted or repaired	73
15 Walls cemented, or cemented and rough-casted	26
16 Down-pipes and gutters renewed or overhauled	14
17 Paved areas renewed or repaired	9
18 Washing accommodation provided or repaired	5
19 Party walls renewed	2
20 Defective sink waste pipes renewed	5
21 Ground abutting on walls removed	1
	— 157

3.—Sanitary Improvements—

22 Yard gullies provided or renewed	1
23 Drains provided (no drains previously)	5
24 Defective Drains repaired	16
25 New inspection chamber covers provided	4
26 Choked drains relieved	71
27 Cesspools cleansed	561
28 Cesspools provided or repaired	6
29 Closet accommodation provided or repaired	28
30 New w.c. pans fixed	14
31 Flush tanks to w.c.'s. installed or repaired	21
32 Drain vent shafts renewed or repaired	1
33 Water Service to w.c.'s. renewed or repaired	19
	— 747

4.—Water Supplies—	
Defective service pipes renewed	7
Houses without a proper piped supply of water connected to mains	3
Outside water service taken into house	6
	— 10
5.—General—	
Verminous houses cleansed	10
Rat infested premises dealt with	67
	— 77

INFECTIOUS DISEASES.

1.—Number of investigations made, including re-visits made where cases were isolated at home and in- vestigations made of notified cases of Tuberculosis	148
2.—Number of premises disinfected, including disin- fection of premises carried out after deaths from Cancer and Tuberculosis	105

FOOD AND DRUGS ACT, 1938.

MILK AND DAIRIES ORDER, 1926.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936 & 1938

Licences granted under the Milk (Special Designations)
Order, 1936 and 1938:—

1.—**Tuberculin Tested & Pasteurised Milk Licences:—**

(a) Tuberculin Tested (Certified)	Nil
(Producers and Retailers)	
(b) Tuberculin Tested	5
(Producers)	
(c) Tuberculin Tested	2
(Bottling Licences)	
(d) Supplementary	4
(e) Dealers	6
	—
	17

2.—**Accredited Milk Licences:—**

Number of Licences granted	14
----------------------------------	----

3.—**Ungraded Milk:—**

(a) Registrations cancelled during the year—	
(i) Producers and Retailers	1
(ii) Producers only	1
(b) Registrations made during the year—	
(i) Producers and Retailers	2
(ii) Producers only	4

Number of Producer Retailers on register	73
Number of Producers only on register	199
Number of Retailers only on register	23
Number of inspections made of Cowsheds, Dairies and Milkshops	336

During the year one building converted to a cowshed with suitable floor; the floors to three cowsheds taken up and relaid in concrete with cement finish, drainage channels provided and new cement feeding troughs provided to these sheds.

Separate sheds erected in four cases for the cooling of milk, and the storage of milk utensils.

Other improvements carried out include the paving of yards in a number of cases which gives a clean approach to the cowsheds, lighting and ventilation improved, the installation of milking machines and drainage of yards and buildings.

There is a slight improvement over the war years in the general cleanliness of the buildings and in the methods adopted in the production of milk.

All producers registered during the year were circulated with a letter from me upon methods to be adopted and precautions to be taken by them in order to produce a clean milk supply.

SLAUGHTER-HOUSES.

Number of licences renewed during the year 6

Only at two of the slaughter-houses does slaughtering take place, and these are regularly inspected on the days slaughtering takes place.

KNACKERS' YARDS.

There is only one Knacker's Yard in the area which is situated at Hendre, Pencoed. These premises are ideally situated some distance away from occupied dwellings, and are conducted in a satisfactory manner.

SLAUGHTER OF ANIMALS ACT, 1933.

1.—Number of licences granted to persons to act as slaughtermen under Section 3	1
2.—Number of licences renewed	18

MEAT AND OTHER FOODS INSPECTION.

It is to be hoped that the present system of centralised slaughtering, which was brought about during the war, will continue in the future, as there is no doubt that meat inspection is more efficiently carried out under this system.

The meat supply for the area is obtained from two Central Depots, one at Port Talbot which supplies Pyle, Kenfig Hill and Cefn districts, and the other at Bridgend which supplies the remaining parts of the area.

Generally, the meat supplied by these Depots has been of reasonably good quality.

The slaughtering of bacon pigs by farmers and householders for their own consumption continues.

None of the privately owned slaughter-houses are now used for the purposes for which they were licensed, apart from the slaughter-houses at the Angelton and Parc Gwyllt Mental Hospitals, where slaughtering of animals is carried out solely for the needs of these Institutions.

The following list of articles found to be unfit for human consumption were voluntarily surrendered and disposed of in accordance with the instructions of the Ministry of Food.

1.—Meat.

- (a) Affected with Tuberculosis:—The whole carcasses and organs of two cows. The whole carcasses and organs of two pigs. Three bovine heads. Five pairs bovine lungs. One bovine liver. Six pigs heads. One pair pigs lungs. Three pigs livers.
- (b) Affected otherwise:—One pair bovine lungs. Hydatid cysts; Two bovine livers, Distomatosis; Two pigs livers, Necrosis; 530lbs. beef, Bone Taint; 12lbs. beef, Oedema; 402lbs. bacon, Ill-cured; 18lbs. ham, Ill-cured.

2.—Other Foods.

24 tins (1¾lbs.), 11 tins (12oz.), 3 tins (6lbs.), 1 tin (2½lbs.) Pork Luncheon Meat; 2 tins (4lbs.), Corned Beef; 4 tins (1lb.) Stewed Steak; 1 tin (12oz.) Tongue; 175 tins (10oz.), 7 tins (1lb.), 6 tins (12oz.), 4 tins (1¼lbs.) Soup; 18 tins (1lb.), 1 tin (½lb.) Salmon; 18 tins (15oz.) Pilchards; 1 tin (1lb.) Mackerel; 14 tins (1lb.), 4 tins (1½lbs.), 2 tins (½lb.) Beans; 4 tins (1lb.), 3 tins (10½ozs.), 2 tins (1¼lbs.) Peas; 4 tins (1¼lbs.) Carrots; 1 tin (12ozs.) Mixed Vegetables; 1 tin (1lb.) Macaroni Cheese; 2 tins (2lbs.) Mixed Fruit; 1 tin (1¾lbs.) Pears; 1 tin (1¼lbs.) Plums; 35 tins (14½ozs.) Evaporated Milk; 6 tins (14½ozs.) Sweetened Milk; 2 tins (2lbs.), 1 tin (1lb.) Golden Syrup; 8 tins (1lb.) 2 tins (2lbs.), 1 tin (1½lbs.), 46 jars (1lb.), 22 jars (2lbs.) Jam; 4 jars (2lbs.) Marmalade; 1 jar (1lb.) Lemon Curd; 14 jars (10ozs.) Pickles; 2 jars (15ozs.) Piccalilli; 4 jars (3ozs.) Fish Paste; 1 jar (3ozs.) Meat Paste; 4 bottles (8ozs.) Sauce; 61lbs. Sugar; 53lbs. Cheese; 12lbs. Butter; 9½lbs. Margarine; 30lbs. Raisins; 18lbs. Prunes; 17lbs. Dates; 7lbs. Sultanas; 16lbs. Pudding; 13 packets (8oz.) Pudding Mixture; 360 Eggs; ½lb. Tea.

FOOD AND DRUGS ACT, 1938.

Four new applications were received for the registration of premises for the manufacture or sale of foodstuffs under Section 14 of the Act during the year.

Number of premises registered during the year 4

Number of premises registered which comply with the requirements of Section 13 21

FACTORIES ACT, 1937.

No. of Factories and Workshops in the area 82

No. of Inspections made 106

Notices served or informal action taken 8

The notices served were in respect of insufficient or defective sanitary conveniences.

During the year the alteration of buildings on the Royal Ordnance Factory site making them adaptable for factories under the Trading Estate was being carried out. In fact, a number of the re-constructed buildings were taken over by various firms and the factories in production during the year. A number of firms on the Trading Estate and other new factories in the area applied for certificates under Section 34 of the Act.

Certificates under Section 34 of the Act were issued during the year to:—

Messrs. Christic-Tyler, Ltd., Seateeze Works, Bennett Street, Trading Estate.
 Messrs. Nu-Stile Belts and Scarfs, Ltd., 3.L.13, Trading Estate.
 Messrs. Togano, Ltd., S.A.1/S.A.S., Trading Estate.
 Messrs. Dentesive, Ltd., 3.K.6, Trading Estate.
 Messrs. C. H. Collins & Sons, Ltd., I.M.5, York Road, Trading Estate.
 Messrs. Hunt & Partners, Ltd., Old Church School, Bryncethin.
 Messrs. L. & J. Wiltshire & Co., Ltd., North Road, Trading Estate.
 Messrs. Chix-Toys, Ltd., North Road, Trading Estate.
 Messrs. P. Bendell, Ltd., Beccraft Works, Kingsway, Trading Estate.
 Messrs. The Disabled Persons Employment Corporation, Ltd., North Road, Trading Estate.
 Messrs. Matthews & Clarke, Ltd., North Rd., Trading Estate.
 Messrs. J. H. Tucker & Co., Ltd., 4.D.17, Western Avenue, Trading Estate.
 Messrs. Line Equipment, Ltd., 1.M.10 & 13 Trading Estate.
 Messrs. United Metal Electrodes and Welding Equipment, Ltd., Kingsway, Trading Estate.
 Messrs. Welsh Furniture Industries, Ltd., B.5.2., Trading Estate.

SCHOOLS.

Number of Schools in the area	23
Number of Inspections made	27

Laleston School (Mixed and Infants).

The work commenced last year—the conversion of the twelve pail closets into water closets discharging into cess-pools—was completed during the year thus abating the insanitary conditions that existed at this School.

Particulars with regard to sanitary accommodations, water supply, etc., are given in the Medical Officer of Health's Report for all Schools in the area.

CINEMAS.

Number of Cinemas in the area	8
Number of inspections made	19

Certain infringements of the Cinematograph Regulations discovered were made known to the licencees for rectification.

RATS AND MICE DESTRUCTION ACT, 1919. INFESTATION ORDER, 1943.

The treatment of premises, both private and business, which were infested by rats, was carried out during the year. In addition, regular treatemnts of refuse tips and river banks were carried out by the rodent operative throughout the district. Where convenient, particularly in regard to river-banks, gassing with "Cymag" was the method adopted for rat destruction. For private and business premises, pre-baiting with damp sausage rusk and using zinc phosphide mixed with damp sausage rusk as the poison bait and trapping were the methods used. The treatments carried out, on the whole, proved to be very successful, the estimated kill, according to the amount of poison "takes", being over 2,000 rats. This number does not include the rats destroyed by gassing operations, as this figure cannot be estimated.

SEWERAGE AND DRAINAGE.

The following are the unsewered parts of the area:—

St. Brides Major Parish, which includes Ogmores-by-Sea, Southerndown, Heolymynydd and the village of St. Brides Major.

Laleston Village, in the parish of Laleston.

North Cornelly, partly in the parish of Pyle and partly in the parish of Kenfig.

South Cornelly, in the parish of Pyle.

Ewenny and Corntown in the parish of Ewenny.

Coychurch Village, in the parish of Coychurch Lower.

Merthymawr Village, in the parish of Merthymawr.

Tythegeston, in the parish of Tythegeston Lower.

Maudlam and Kenfig, in the parish of Kenfig.

Wick and Broughton, in the parish of Wick.

Coity in the parish of Coity Higher.

Llangynwyd Village in the parish of Llangynwyd Middle.

Heol-Laethog in the parish of St. Brides Minor.

Fountain, Aberkenfig in the parish of Newcastle Higher.

Coytrahen in the parish of Llangynwyd Lower.

Many of the above places are urgently in need of sewerage schemes, and it is to be hoped that the Ministry of Health will allow the schemes to be proceeded with at an early date.

1.—Conversions:—

St. Brides Major: One pail closet converted to water closet discharging into a newly constructed cesspool.

Cefn Cribbwr: Two pail closets converted to water closets discharging into Council's sewer.

Brynmenyn: Two pail closets converted to water closets discharging into Council's sewer.

Laleston: Twelve pail closets converted to water closets discharging into one existing and one new cesspool.

2.—Number of premises connected to sewers during the year 82

3.—Approximate number of water closets:—

(a) To Sewers	5,639	
(b) To Cesspools	642	
	—	6,281

4.—Approximate number of pail closets and earth closets 1,416

5.—Approximate number of cesspools 896

6.—Number of drains tested, including the re-testing of drains found to be defective 97

SHOPS ACT, 1934.

Number of shops inspected 146

No notices were served during the year.

PETROLEUM (REGULATION) ACTS, 1928 & 1936.

Number of new licences granted	1
Number of licences renewed	52
Licences for storage of Carbide renewed	1

WATER SUPPLIES.

Number of houses which obtain water from mains including 93 new connections during the year—7,199

The following properties were connected to the mains during the year:—

New Houses:—

Prefabricated bungalows, Kenfig Hill	51
Permanent houses, Marlas Road, Pyle	26

Houses, Hillcrest, Penyfai	4
Houses, Litchard, Bridgend	2
The Manse, Litchard, Bridgend	1
Conversion R.A.F. Hut, St. Brides Major	1

Existing Houses:—

The Cottage and Gardener's Cottage, Laleston	2
Heolygeiffr House, Pencoed	1

Number of houses supplied by—

Wells only	66
Springs only	77
Cisterns only	65
Streams	25
Private piped supply	14
Purified river water	1
Cisterns and springs	10
Cisterns and wells	9

267

Number of samples of water taken for analysis—19.

PROSECUTIONS.

No. 2, River Row, Aberkenfig. For permitting this house to be occupied in contravention of Section 153 (3) of the Housing Act, 1936, Mrs. Rachel Hunt, the owner of this property was, at the Bridgend Police Court, on the 14th September, 1946, fined £5 and 5/- costs.

ALUN WILLIAMS,

Senior Sanitary Inspector

